

10/806,747

Claims

*What is claimed is:*

- 5 1. An antiperspirant and/or deodorant stick composition comprising:
- (a) 10-60 weight % of a volatile silicone;
- (b) 2-30 weight % of a low melting point wax gelling agent having a melting point in the range of about 37 degrees to about 65 degrees C;
- (c) 1-10 weight % of a high melting point wax having a melting point in the range of
- 10 65-102 degrees C;
- (d) 0-15 weight % of an emollient which is different from (b) and (c);
- (e) 0.1-10 weight % of a superabsorbent powder with little or no tack upon wetting;
- (f) 0-30 weight % of an antiperspirant active;
- (g) 0-1 weight % of a dimethicone copolyol;
- 15 (h) 0.01-0.5 weight % of a cooling agent selected from the group consisting of L-menthol; menthyl lactate; menthone glycerine; menthone glycerin acetal; (-)-isopulegol, N-ethyl-5-methyl-2-(1-methylethyl)-cyclohexanecarboxamide; N-ethyl-p-menthane-3-carboxamide; 4-methyl-3-(1-pyrrolidinyl)-2[5H]-furanone; N,2,3-trimethyl-2-isopropylbutanamide; menthoxypropanediol; methanediol; and vanillyl butyl ether; and
- 20 (i) 0-5 weight % of a fragrance;
- wherein the ratio of cooling agent to superabsorbent polymer is in the range of 1:50-1:2.
2. A composition according to Claim 1 wherein the volatile silicone is cyclomethicone.
- 25 3. A composition according to Claim 1 wherein the low melting point wax is selected from the group consisting of fatty acids, fatty alcohols, fatty acid esters and fatty acid amides having fatty chains of 8-30 carbons.
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4. A composition according to Claim 1 wherein the low melting point wax is selected from the group consisting of cetyl alcohol, palmitic acid, myristyl alcohol, stearyl alcohol, paraffin, cetyl stearate, cetyl palmitate, cetyl myristate, stearyl stearate and mixtures of the foregoing.

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5. A composition according to Claim 1 wherein the low melting point wax is a silicone wax.

10 6. A composition according to Claim 1 wherein the high melting point wax is selected from the group consisting of beeswax, spermaceti, caruba, baysberry, candulilla, Montan, ozokerite, ceresin, paraffin, petroleum waxes, castor wax, synthetic waxes, microcrystalline waxes, ethylene glycol diesters, triglycerides, ethylene/vinyl acetate copolymers, derivatized waxes, silicone waxes, synthetic waxes, and mixtures thereof.

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7. A composition according to Claim 6 wherein the high melting point wax has a melting point of 65-80 degrees C and is selected from the group consisting of C18-36 mixed acid triglycerides and castor waxes.

20 8. A composition according to Claim 1 comprising 0.1-30 weight % of the antiperspirant active.

9. A composition according to Claim 1 comprising 0.01-1 weight % of the dimethicone copolyol.

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10. A composition according to Claim 1 wherein the cooling agent is L-menthol, menthyl lactate, or mixtures thereof.

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11. A composition according to Claim 1 wherein the superabsorbent polymer is a water lock superabsorbent polymer selected from the group consisting of starch graft homopolymers and copolymers of poly(2-propenamide-co-2-propenoic acid) sodium salt.

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12. A composition according to Claim 1 wherein the ratio of cooling agent to superabsorbent polymer is in the range of 1:10-1:2.

13. A composition according to Claim 1 wherein the antiperspirant active is an aluminum zirconium salt with a low metal to chloride ratio in the range of 0.9-1.2:1.

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